

Written Testimony Submitted by Jeanne Merrill, Policy Director, California Climate and Agriculture Network (CalCAN), September 21, 2021

House Agriculture Committee Hearing on "Voluntary Carbon Markets in Agriculture and Forestry"

Thank you, Chairman Scott, Ranking Member Thompson, and Members.

My name is Jeanne Merrill and I am the Policy Director for the California Climate and Agriculture Network. We are a coalition of the state's leading sustainable and organic agriculture organizations. Since 2009, we have worked to advance agricultural solutions to the climate crisis at the state level and at the federal level, working in partnership with the National Sustainable Agriculture Coalition.

Thank you for the opportunity to address the important issue of carbon markets and their potential role in supporting farmers in mitigating and adapting to climate change.

Today, I will speak to the California experience of the carbon markets and our state-funded, grant-based Climate Smart Agriculture programs. I will begin my remarks with an overview of the original market efforts in this space.

Farmers and ranchers have an important and unique role to play in addressing climate change. Agriculture can and must be part of the country's efforts to reduce greenhouse gas emissions, increase carbon sinks and become more resilient. Effective policy tools exist to help farmers achieve these goals.

However, since 2003, carbon markets have proved themselves an inadequate tool to reach the diversity of farmers and ranchers we must reach. Simply put, carbon market approaches at the voluntary and compliance levels have consistently failed to deliver on climate solutions in agriculture on any meaningful scale, leaving the vast majority of farmers and ranchers without adequate resources to address the climate crisis.

The Chicago Climate Exchange

The Chicago Climate Exchange was the first national, voluntary effort to put a carbon market in place. The Exchange set up a market for offset credits generated by farmers and ranchers whose practices reduced greenhouse gas emissions and increased <u>carbon sinks</u> on agricultural lands—practices such as <u>rotational grazing</u>, <u>conservation tillage</u>, and <u>prairie plantings</u>. Companies and local governments would buy those credits as a way of offsetting their own greenhouse gas emissions.

I was working in Wisconsin in 2006 when the state's Farmers Union began reaching out to dairy producers and other farmers offering to pay them for their climate-beneficial practices. The response was considerable: Within two years, the Farmers Union had <u>2.6 million agricultural acres</u> under contract with the Chicago Climate Exchange in Minnesota, Wisconsin, Montana, and the Dakotas. The Iowa Farm Bureau had another 600,000 acres under contract.

But by 2010, the exchange had collapsed. The carbon market was swamped with offset credits from willing farmers, but it didn't have enough buyers. As a result, the price of the carbon credits went from a high of roughly \$7 to just 5 cents per metric ton of CO2 equivalent. In December 2010, the Chicago Climate Exchange closed its doors, <u>leaving farmers and ranchers without support</u> for their carbon farming practices.

California Carbon Market

The next, significant effort to create a carbon market came from California. In 2012, as part of its climate change law, the state launched a cap-and-trade program, requiring large greenhouse gas emitters to participate. Now, nine years later, there are still very few ways for farmers to earn carbon credits, and they include installing <u>dairy digesters</u> and taking up certain <u>rice management practices</u>, both aimed at reducing methane emissions. But with a low carbon price and high transaction costs for farmers, only the dairy digester projects have sold carbon credits, largely because of <u>other state financial support</u> for the projects. Despite the seven years it took the industry, working with environmental partners and the state, to develop the rice protocol for the carbon market, the state's rice producers have stayed out of the California carbon market. It just doesn't make financial sense.

California's Climate Smart Agriculture Programs

Instead of relying on the carbon market, starting in 2014, the state of California launched its first grants-based programs to pay farmers and ranchers who take up farm management practices that reduce greenhouse gas emissions and increase carbon sinks. California became a pioneer for what is now called "Climate Smart Agriculture" programs. The programs bypass the complexities of the carbon market, including price volatility, offering farmers and ranchers technical and financial assistance to develop their climate-friendly management projects. The programs are modeled after USDA's farm bill conservation programs.

The first Climate Smart Agriculture programs focused on three areas: drought and farm resiliency, farmland protection from urban sprawl, and the development of dairy digesters. Grant funds were made available to farmers to improve their irrigation management systems to save water and energy and reduce related greenhouse gas emissions. Recognizing that protected farmland on the urban edge of our cities and towns could reduce sprawl development and greenhouse gas emissions associated with passenger cars, the state also invested in conservation easements to permanently protect agricultural lands at risk of development. Finally, looking at potent methane emissions from dairy manure, the state launched its dairy digester program to reduce emissions from large dairy farms.

The second wave of state investment in new Climate Smart Agriculture programs came in 2017 with the creation of the <u>Healthy Soils</u> and the <u>Alternative Manure Management</u> (AMMP) programs. Under the former, farmers and ranchers are paid to practice soil management and farmscape practices that sequester carbon and reduce greenhouse gas emissions. The latter focuses on dry manure management practices for dairies and other livestock operations to reduce methane emissions, including composting manure.

Farmer response to the state Climate Smart Agriculture programs has been considerable with application requests far exceeding available funding, even during the difficult times of the pandemic. For example, despite the shelter-in-place orders, which had greatly disrupted agricultural markets in March 2020, more than 600 farmers and ranchers applied for the state's Healthy Soils Program. A total of \$22 million in projects were funded, bringing the total to nearly 700 funded Healthy Soils projects statewide.

New Voluntary Markets

Now, a private, voluntary national carbon market developed by one ag-biotech company offers farmers \$15 per metric ton of carbon sequestered.

However, state initiatives offer a better value for farmers to meet their basic costs in transitioning to new farming methods. For example, one California Healthy Soils grant recipient, a farm in Butte County in Northern California, will sequester 110 metric tons of carbon and will receive a grant worth \$64,000 from the state. Under the new voluntary carbon market program, the same farm would receive just \$1,650 for those same 110 metric tons of carbon sequestered. That is a stark difference.

The state's program bases its funding awards on the costs of installing or shifting to new farm management practices - e.g. the cost of cover crop seed, compost, mulch, etc. - and the carbon market approach is based largely on what the buyer is willing to pay for a metric ton of carbon equivalent, even if that is well below what the farmer may need to cover his or her costs.

Carbon Market Challenges, Farm Bill Conservation Program Opportunities

To summarize, carbon markets have failed to deliver on their promises:

- High transaction costs for project development and verification mean small and mid-scale farmers and farmers of color are left out of compliance and voluntary markets.
- The complexities of developing offset protocols for compliance markets, which must be additional, verifiable, and permanent, means that it can take years to develop credible offsets, as in the case of the rice/methane protocol in California, which took seven years to develop. And even now not a single rice farmer has signed up for those carbon credits.
- Low carbon prices do not come close to compensating farmers for the true costs of their new practices, resulting in only the largest producers participating, and often that is because there are other sources of public and private funds, as in the case of dairy digesters.

Carbon markets are blunt tools that cannot adequately incentivize multi-benefit projects
that address other environmental and public health concerns, like enhanced biodiversity,
improved air, and water quality, and more.

Time is ticking. According to the <u>Intergovernmental Panel on Climate Change</u> (IPCC), we have only until 2030 to bend the curve on global greenhouse gas emissions to avoid the very worst of climate change impacts. We cannot waste time on complex and ultimately ineffective approaches like carbon markets. We have tried for nearly 20 years to make carbon markets work for agriculture and they have failed.

We have time-tested and proven farm bill conservation programs that can deliver the research, technical assistance, and financial assistance that farmers and ranchers need to reduce their greenhouse gas emissions, improve their carbon sinks and build their resilience to greater weather extremes. And we can do this while supporting farm viability and profitability, reaching a diversity of producers and agricultural communities. We are doing that in California through our Climate Smart Agriculture Programs. We modeled our efforts off of USDA's Natural Resource Conservation Service programs, adding in a focus on climate change outcomes.

The Agriculture Resilience Act (ARA) and related legislative efforts that focus on scaling up and refining farm bill conservation programs to address the climate crisis can provide the necessary resources for farmers to address climate change challenges, allowing our agricultural industry to thrive.

Thank you for the opportunity to speak today.

Jeanne Merrill, Policy Director, California Climate and Agriculture Network (CalCAN)

Jeanne Merrill has more than 25 years of experience in agricultural, environmental and energy policy advocacy at the state and national levels. Since 2009, she has served as Policy Director with the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. Prior to her time with CalCAN, Jeanne worked with Michael Fields Agricultural Institute of Wisconsin, the Center on Wisconsin Strategy, Greenpeace U.S. and Pesticide Watch. She served for six years on the Organizational Council of the National Sustainable Agriculture Coalition (NSAC). She has held state appointments to the California Invasive Species Advisory Council, the Dairy and Livestock GHG Emissions Work Group and the Climate Change Consortium for Specialty Crops. Ms. Merrill holds a B.A. in political science from U.C. San Diego and an M.Sc. in Land Resources from the University of Wisconsin-Madison. She lives with her husband and daughter in Alameda, CA.

Truth in Testimony Disclosure Form

In accordance with Rule XI, clause 2(g)(5)* of the *Rules of the House of Representatives*, witnesses are asked to disclose the following information. Please complete this form electronically by filling in the provided blanks.

Subcommittee: Hearing Date: 09/23/2021 Hearing Title: Voluntary Carbon Markets in Agriculture and Forestry" Witness Name: Jeanne Merrill Osition/Title: Policy Director Witness Type: O Governmental O Non-governmental Tre you representing yourself or an organization? O Self O Organization Tyou are representing an organization, please list what entity or entities you are representing: am the Policy Director for the California Climate and Agriculture Network (CalCAN), a oalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. Tre you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Subcommittee: Hearing Date: 09/23/2021 Hearing Title : "Voluntary Carbon Markets in Agriculture and Forestry" Witness Name: Jeanne Merrill Position/Title: Policy Director Witness Type: © Governmental © Non-governmental	Committee: Agriculture
Hearing Date: 09/23/2021 Hearing Title: Voluntary Carbon Markets in Agriculture and Forestry Witness Name: Jeanne Merrill Osition/Title: Policy Director Witness Type: Officer or an organization? Officer or organization Tyou are representing yourself or an organization? Officer organization Tyou are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY The ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. The you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Hearing Date: 09/23/2021 Hearing Title: "Voluntary Carbon Markets in Agriculture and Forestry" Witness Name: Jeanne Merrill Position/Title: Policy Director Witness Type: Governmental Onon-governmental Are you representing yourself or an organization? Self Organization If you are representing an organization, please list what entity or entities you are representing: I am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. COR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any rganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	
Voluntary Carbon Markets in Agriculture and Forestry" Vitness Name: Jeanne Merrill Osition/Title: Policy Director Vitness Type: O Governmental O Non-governmental Tre you representing yourself or an organization? O Self Organization Tyou are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY The ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. The you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Hearing Title: "Voluntary Carbon Markets in Agriculture and Forestry" Witness Name: Jeanne Merrill	
Vitness Name: Jeanne Merrill Vitness Name: Policy Director Vitness Type: Governmental Non-governmental Are you representing yourself or an organization? Self Organization You are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY The ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. The you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	"Voluntary Carbon Markets in Agriculture and Forestry" Witness Name: Jeanne Merrill Position/Title: Policy Director Witness Type: Governmental Non-governmental Are you representing yourself or an organization? Self Gorganization If you are representing an organization, please list what entity or entities you are representing: am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any rganization or entity that has an interest in the subject matter of the hearing? If so, please list the name on the organization(s) or entities.	
Vitness Name: Jeanne Merrill vosition/Title: Policy Director Vitness Type: © Governmental © Non-governmental re you representing yourself or an organization? © Self © Organization You are representing an organization, please list what entity or entities you are representing: am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY lease complete the following fields. If necessary, attach additional sheet(s) to provide more information. re you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Witness Name: Jeanne Merrill Position/Title: Policy Director Witness Type: Governmental Non-governmental Are you representing yourself or an organization? Gelf Gorganization If you are representing an organization, please list what entity or entities you are representing: am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any reganization or entity that has an interest in the subject matter of the hearing? If so, please list the name one organization(s) or entities.	HearingTitle :
Vitness Type: O Governmental Non-governmental Tre you representing yourself or an organization? O Self Organization Tyou are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY lease complete the following fields. If necessary, attach additional sheet(s) to provide more information. Tre you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Position/Title: Policy Director Witness Type: Governmental Non-governmental Are you representing yourself or an organization? Self Gorganization If you are representing an organization, please list what entity or entities you are representing: I am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	"Voluntary Carbon Markets in Agriculture and Forestry"
Vitness Type: O Governmental Non-governmental Tre you representing yourself or an organization? O Self Organization Tyou are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY lease complete the following fields. If necessary, attach additional sheet(s) to provide more information. Tre you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Position/Title: Policy Director Witness Type: Governmental Non-governmental Are you representing yourself or an organization? Self Gorganization If you are representing an organization, please list what entity or entities you are representing: I am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	
Vitness Type: O Governmental Non-governmental Tre you representing yourself or an organization? O Self Organization Tyou are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY lease complete the following fields. If necessary, attach additional sheet(s) to provide more information. Tre you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Position/Title: Policy Director Witness Type: Governmental Non-governmental Are you representing yourself or an organization? Self Gorganization If you are representing an organization, please list what entity or entities you are representing: I am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	
Witness Type: © Governmental © Non-governmental Tre you representing yourself or an organization? © Self © Organization Tyou are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. The Policy Director for the California Climate and Agriculture organizations. The Policy Director for the California Climate and Agriculture organizations. The Policy Director for the California Climate and Agriculture organizations. The Policy Director for the California Climate and Agriculture organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations or provide more information. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations or provide more information. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations or provide more information. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations or provide more information. The Policy Director for the California Climate and Agriculture organization or provide more information. The Policy Director for the California Climate and Agriculture organization or provide m	Witness Type: © Governmental © Non-governmental Are you representing yourself or an organization? © Self © Organization If you are representing an organization, please list what entity or entities you are representing: I am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	Witness Name: Jeanne Merrill
Tre you representing yourself or an organization? Self Organization Tyou are representing an organization, please list what entity or entities you are representing: The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organization agriculture organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organizations. The Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization or entity	Are you representing yourself or an organization? Self Organization If you are representing an organization, please list what entity or entities you are representing: I am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any reganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	Position/Title: Policy Director
Tyou are representing an organization, please list what entity or entities you are representing: am the Policy Director for the California Climate and Agriculture Network (CalCAN), a oalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. re you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	If you are representing an organization, please list what entity or entities you are representing: I am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	Witness Type: O Governmental O Non-governmental
Tyou are representing an organization, please list what entity or entities you are representing: am the Policy Director for the California Climate and Agriculture Network (CalCAN), a oalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. re you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	If you are representing an organization, please list what entity or entities you are representing: am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any reganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	Are you representing yourself or an organization? Self Organization
am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY lease complete the following fields. If necessary, attach additional sheet(s) to provide more information. The you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any reganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	am the Policy Director for the California Climate and Agriculture Network (CalCAN), a coalition of the state's leading sustainable and organic agriculture organizations. COR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY Clease complete the following fields. If necessary, attach additional sheet(s) to provide more information. The you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any reganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	
ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. re you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Please complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any rganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	coalition of the state's leading sustainable and organic agriculture organizations.
ease complete the following fields. If necessary, attach additional sheet(s) to provide more information. re you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any ganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	Tease complete the following fields. If necessary, attach additional sheet(s) to provide more information. Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any rganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	OR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY
gamzation or entity that has an interest in the subject matter of the hearing? If so, please list the name of e organization(s) or entities.	rganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.	Please complete the following fields. If necessary, attach additional sheet(s) to provide more information.
o, I am not.	No, I am not.	rganization or entity that has an interest in the subject matter of the hearing? If so, please list the name of
		lo, I am not.

Please list any federal grants or contracts (including subgrants or subcontracts) related to the hearing's subject matter that you, the organization(s) you represent, or entities for which you serve as a fiduciary have received in the past thirty-six months from the date of the hearing. Include the source and amount of each grant or contract.

I do not have federal grants or contracts nor does my organization have fderal grants or contracts.

Please list any contracts, grants, or payments originating with a foreign government and related to the hearing's subject that you, the organization(s) you represent, or entities for which you serve as a fiduciary have received in the past thirty-six months from the date of the hearing. Include the amount and country of origin of each contract or payment.

I do not have any contracts, grants or payments originating with a foreign government nor does my organization.

Please complete the following fields. If necessary, attach additional sheet(s) to provide more information.

- I have attached a written statement of proposed testimony.
- I have attached my curriculum vitae or biography.

*Rule XI, clause 2(g)(5), of the U.S. House of Representatives provides:

- (5)(A) Each committee shall, to the greatest extent practicable, require witnesses who appear before it to submit in advance written statements of proposed testimony and to limit their initial presentations to the committee to brief summaries thereof.
- (i) a curriculum vitae; (ii) a disclosure of any Federal grants or contracts, or contracts, grants, or payments originating with a foreign government, received during the past 36 months by the witness or by an entity represented by the witness and related to the subject matter of the hearing; and (iii) a disclosure of whether the witness is a fiduciary (including, but not limited to, a director, officer, advisor, or resident agent) of any organization or entity that has an interest in the subject matter of the hearing.
- (C) The disclosure referred to in subdivision (B)(iii) shall include—(i) the amount and source of each Federal grant (or subgrant thereof) or contract (or subcontract thereof) related to the subject matter of the hearing; and (ii) the amount and country of origin of any payment or contract related to the subject matter of the hearing originating with a foreign government.
- (D) Such statements, with appropriate redactions to protect the privacy or security of the witness, shall be made publicly available in electronic form 24 hours before the witness appears to the extent practicable, but not later than one day after the witness appears.

Agriculture